



Nebraska Game and Parks Commission

2200 N. 33rd St. • P.O. Box 30370 • Lincoln, NE 68503-0370 • Phone: 402-471-0641 • Fax: 402-471-5528

JOB VACANCY ANNOUNCEMENT
Advertised to Employees and Public

LOCATION
2200 N 33rd
Lincoln, NE

TITLE
GIS Analyst (Temporary)
Information & Technology Division

SALARY
\$25.03/Hr.
Position#04057

Dates of Employment: August, 2015 thru June, 2016

APPLICATION DEADLINE: Open Till Filled

The temporary GIS Analyst will apply knowledge of geographic information systems (GIS), data models and database systems, cartographic design principles, other relevant programs and work as an integral part of the GIS team. Assist the senior GIS developer to organize, produce, and analyze geographic information, products, and applications in support of agency functions.

ESSENTIAL JOB DUTIES: Participate in all aspects of map production: starting with gathering project requirements, ascertaining data needs, identifying work flows and processes, product design, development and documentation.

Analyze Geographic Information Systems (GIS) data to identify spatial relationships or display results of analyses, using maps, graphs, or tabular data. Perform geospatial data development, data manipulation, analysis or modelling using advanced techniques. Knowledge of ESRI model builder is a plus.

Create and design maps to be included in guide books and other agency publications. Knowledge of data driven pages and ESRI production mapping is a plus.

Create, edit and maintain GIS datasets using ArcGIS Desktop software in a versioned geodatabase environment. Follow established standards and workflows to ensure data accuracy, quality and completeness. Evaluate and enter data from property descriptions, deeds, various plats and surveys into GIS using coordinate geometry and cadastral mapping standards.

Provide technical support to staff regarding the maintenance, development, or operation of Geographic Information Systems (GIS) databases, equipment, or applications.

Identify potential areas of implementing GIS technology in the agency and assist in the integration of GIS spatial and non-spatial databases.

Utilize GPS devices to collect data in the field and convert field collected information into GIS datasets.

Create and update metadata for existing as well as newly created GIS datasets, maps and applications. Perform other job duties as required.



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REQUIRED KNOWLEDGE, SKILLS AND ABILITIES: Knowledge of: GIS and GIS software (ESRI ArcGIS), database systems, sufficient to be able to perform a variety of duties related to the work assignment; geodatabase editing; cartographic design; image/raster feature analysis; metadata; information policy and data quality standards.

Skill in: analyzing needs and project requirements to determine sound technical solutions; Candidate must have strong technical, organizational, planning, problem-solving and decision-making skills. Excellent customer service and communication skills required.

Ability to: read and understand information and ideas presented; develop creative ways to solve a problem; think logically; organize, plan and prioritize work; create quality map products; perform basic database queries;

REQUIREMENTS: Experience, education, or training in coding computer applications. Preference will be given to candidates with GIS (Geographic Information Systems) experience. Prefer experience with ArcGIS Desktop software, working with geodatabases; basic SQL understanding.

An Associate degree in computer science, geography or a related area OR Post high school coursework in computer science, geography and one year related work experience.

TO APPLY: Apply on line at statejobs.nebraska.gov. Applications must be entered on or before the application deadline to be considered.

See You Out There

www.OutdoorNebraska.org



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SUPPLEMENTAL QUESTIONNAIRE:

1. Please describe your experience working with computer hardware, software, or applications related to GIS (Geographic Information Systems).

2. Please describe any experience you have with ArcGIS Desktop software. Have you worked with any extensions like Spatial Analyst, Network Analyst, etc.? Include where, when and how long you used it.

3. Please describe your experience with designing and producing maps or other cartographic products using ArcGIS? Do you have any experience with making map books, map series or other similar documents?

4. Please describe your experience with GIS data compilation and maintenance, specifically elaborate on data editing. Have you worked with versioned datasets?

5. Do you have any experience working with relational database software like Access, SQL Server, or ORACLE? Are you proficient in SQL? Please elaborate.



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6. Have you worked with Model Builder and/or Python in ArcGIS? If yes, include when, where and to what extent.

7. Please describe any experience you have with GPS and Field data collection. Have you used the ESRI Collector app?

8. Please describe any experience you have with designing geodatabases. Include where, when, and any design details.